



Attorney Docket No. T3502-10174US01

DHC #2nd

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

First Named Inventor: KIM, YOUNG-SUG

**Art Unit: 1724**

Appln. No.: 10/537,050

**Examiner: C. Barry**

Filed: April 19, 2006

**Confirmation No.: 3196**

For: APPARATUS AND METHOD FOR  
PERFORMING TERTIARY TREATMENT OF  
SEWAGE BASED ON POROUS FILTERING  
MEDIA

\* \* \*

**REQUEST TO CORRECT ASSIGNEE UNDER 37 CFR 3.81(b)**

Mail Stop PETITIONS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The second assignee name on item 3 of the Issue Fee Transmittal Form PTOL-85B was inadvertently omitted (see attached). A copy of the Notice of Recordation of Assignment Document, reflecting the reel and frame number where the assignment is recorded and/or reflecting proof of the date the assignment was submitted for recordation.

It is requested that the file be forwarded to Certificates of Correction Branch, for issuance of a Certificate of Correction, if the Request is granted.

The Commissioner is hereby authorized to charge \$130.00 for the petition fee to Deposit Account No. 50-1165 (T3502-10174US01) and any other fees under 37 C.F.R.

07/16/2007 JADDO1 00000030 501165 10537050  
01 FC:1464 130.00 DA

§§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account.

Respectfully submitted,

Date: July 13, 2007

Miles & Stockbridge, P.C.  
1751 Pinnacle Drive  
Suite 500  
McLean, Virginia 22102-3833  
(703) 903-9000

By:



James T. Carmichael  
Reg. No. 45,306

RECEIVED

JUN 14 2006

MILES & STOCKBRIDGE P.C.  
TYSONS CORNER

UNITED STATES PATENT AND TRADEMARK OFFICE



6/14

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND,  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 03, 2006

PTAS



\*103207057A\*

MILES & STOCKBRIDGE P.C.  
1751 PINNACLE DRIVE  
SUITE 500  
MCLEAN, VIRGINIA 22102

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/19/2005

REEL/FRAME: 017715/0989  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KIM, YOUNG-SUG

DOC DATE: 06/21/2005

ASSIGNOR:  
LEE, MOON-HYOUNG

DOC DATE: 06/21/2005

ASSIGNOR:  
JANG, HONG-KYU

DOC DATE: 06/21/2005

ASSIGNOR:  
CHANG, CHUNG-HEE

DOC DATE: 06/21/2005

ASSIGNOR:  
GEE, CHAI-SUNG

DOC DATE: 06/21/2005

ASSIGNEE:

KOEA INSTITUTE OF CONSTRUCTION  
TECHNOLOGY  
2311, DASHWA-DONG, ILSAN-GU,  
GOYANG-SI  
GYEONGGI-DO, REPUBLIC OF KOREA

411-410

ASSIGNEE:

TOMDUCK SYSTEM CO., LTD.  
4F, 125-1, YANGJAE-DONG  
SEOCHO-GU, SEOUL, REPUBLIC OF  
KOREA  
137-130

SERIAL NUMBER: 10537050

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR PERFORMING TERTIARY TREATMENT OF SEWAGE  
BASED ON POROUS FILTERING MEDIA

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION



Serial PRCPTO 19 DEC 2005

10/537050

ALL

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

03-29-2006

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

12 19 05

103207057

To the Director of the U.S. Patent and Trademark Office: Please record the following documents or the new address(es) below.

1. Name of conveying party(ies)

Young-Sug Kim  
Moon-Hyoung Lee  
Hong-Kyu Jang  
Chung-Hee Chang  
Chai-Sung Gee

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 21, 2005

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Joint Research Agreement	
<input type="checkbox"/> Government Interest Assignment	
<input type="checkbox"/> Executive Order 9424, Confirmatory License	
<input type="checkbox"/> Other _____.	

4. Application number(s) or patent number(s):  This document is being filed together with a new application.

A. Patent Application No.(s)

10/537,050

2. Name and address of receiving party(ies)

Name: Korea Institute of Construction Technology

Internal Address \_\_\_\_\_

Street Address: 2311, Daehwa-dong, Ilseon-gu

Goyang-si

City: Gyeonggi-do

State: \_\_\_\_\_

Country: Korea Zip: 411-410

Additional name(s) & address(es) attached?  Yes  No

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Miles & Stockbridge P.C.

Internal Address: \_\_\_\_\_

Street Address: 1751 Pinnacle Drive

Suite 500

City: McLean

State: Virginia Zip: 22102

Phone Number: (703) 903-9000

Fax Number: (703) 610-8686

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-1165

Authorized User Name James T. Carmichael

9. Signature:

Signature

12/19/05

Date

James T. Carmichael  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**RECORDATION FORM COVER SHEET  
(FORM PTO-1595) CONTINUATION SHEET**

Continuation of Box 2:

**Receiving Party**

Name (line 1) Tomduck System Co., Ltd. I  
Name (line 2)  I  
Address (line 1) 4F, 125-1, Yangjae-dong I  
Address (line 2) Seocho-gu, Seoul 137-130 I  
Address (line 3) Republic of Korea I

**Receiving Party**

Name (line 1)  I  
Name (line 2)  I  
Address (line 1)  I  
Address (line 2)  I  
Address (line 3)  I

**Receiving Party**

Name (line 1)  I  
Name (line 2)  I  
Address (line 1)  I  
Address (line 2)  I  
Address (line 3)  I

## Assignment

WHEREAS, I/We Young-Sug Kim, Moon-Hyong Lee, Hong-Kyu Jang, Chung-Hee Chang, and Chai-Sung Gee have made an invention entitled APPARATUS AND METHOD FOR PERFORMING TERTIARY TREATMENT OF SEWAGE BASED ON POROUS FILTERING MEDIA for which I/We have executed an application for Letters Patent of the United States on \_\_\_\_\_ or filed an application for Letters Patent of the United States on December 2, 2002 under Application No. PCT/KR2002/002268; and

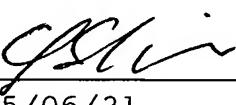
WHEREAS, Korea Institute of Construction Technology, a corporation or other business entity duly organized under the laws of Republic of Korea, whose postal address is 2311, Daehwa-dong, Ilsan-gu, Goyang-si, Gyeonggi-do, 411-410 Republic of Korea and Tomduck System Co., Ltd., a corporation or other business entity duly organized under the laws of Republic of Korea, whose postal address is 4F, 125-1, Yangjae-dong, Seocho-gu, Seoul 137-130, Republic of Korea ("ASSIGNEES"), desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to me/us by ASSIGNEES, and other good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEES its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuations of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I/We authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent for the invention to ASSIGNEES, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEES, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEES, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEES, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEES, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEES, its successors, legal representatives, and/or assigns.

IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

Signature:   
Date: 2005/06/21  
Full Name: Young-Sug Kim  
Address: #802-203, Dongsung Apt., 1476  
Tanhyeon-dong, Ilsan-gu, Goyang-si  
Gyeonggi-do, 411-320 Republic of Korea

Signature:   
Date: 2005/06/21  
Full Name: Moon-Hyong Lee  
Address: #104-106, Garam Apt., 735  
Irwon-dong, Gangnam-gu  
Seoul, 135-230 Republic of Korea

Signature: Jang  
Date: 2005/06/21  
Full Name: Hong-Kyu Jang  
Address: #901-301, Wooseong Apt.,  
Gaepo 1-dong, Gangnam-qu  
Seoul, 135-241 Republic of Korea

Signature: Chchang  
Date: 2005/06/21  
Full Name: Chung-Hee Chang  
Address: #3-606, Lucky Apt., Seoksu 2-dong  
Manan-gu, Anyang-si  
Gyeonggi-do, 430-706 Republic of Korea

Signature: G  
Date: 2005/06/21  
Full Name: Chai-Sung Gee  
Address: 2311, Daehwa-dong  
Ilsan-gu, Goyang-si  
Gyeonggi-do, 411-410 Republic of Korea

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together w...n applicable fee(s), to: Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571)-273-2885

JUL 13 2007  
PATENT & TRADEMARK OFFICE

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

181 7590 09/26/2006

MILES & STOCKBRIDGE PC  
1751 PINNACLE DRIVE  
SUITE 500  
MCLEAN, VA 22102-3833

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission  
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)  
(Signature)  
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/537,050	04/19/2006	Young-Sug Kim	T3502-10174US01	3196

TITLE OF INVENTION: APPARATUS AND METHOD FOR PERFORMING TERTIARY TREATMENT OF SEWAGE BASED ON POROUS FILTERING MEDIA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	12/26/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
BARRY, CHESTER T	1724	210-616000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	<u>1 Miles &amp; Stockbridge PC</u> <u>2 James T. Carmichael</u> <u>3</u>
---	---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Korea Institute of Construction Technology Gyeonggi-Do, Korea

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are submitted:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies 5

4b. Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above)

A check is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-1165 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature James T. Carmichael

Typed or printed name James T. Carmichael

Date December 21, 2006

Registration No. 45,306

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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